

**2015 EFCOG/DOE Electrical Safety Workshop**  
**Lawrence Livermore National Laboratory**  
**DRAFT Agenda**

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**Sunday, July 12<sup>th</sup>**

4:00 p.m. – 8:00 p.m. LLNL Badging and Mixer (with no-host bar), Courtyard Marriott Livermore

**Monday, July 13<sup>th</sup>**

*B543 Auditorium*

7:00 a.m. Badging for late arrivals, *West Gate (main) Badge Office, Vasco Road*  
8:30 a.m. Informal gathering and greetings, *Auditorium Foyer B543 R1000*  
9:00 a.m. EFCOG Welcome – Heath Garrison, 2015 EFCOG ESG Chair  
9:15 a.m. Livermore Field Office Welcome – Nicole Nelson-Jean, LFO Site Manager  
9:30 a.m. LLNL Welcome – Bill Goldstein, LLNL Lab Director  
9:45 a.m. Facility details and Workshop Preliminaries – Bill DeHope, LLNL 2015 Workshop Host

*10:00 a.m. Morning Break*

10:15 a.m. Overview of Plenary Talks – Richard Waters, 2015 EFCOG ESG Vice-Chair  
10:30 a.m. Electrician Training: Issues and Challenges (speaker TBD)  
11:00 a.m. Electrical Safety from a Union Standpoint (speaker TBD)  
11:30 a.m. Arc Flash DC Experimental Status – Steve Cress (Kinetrix) and Hugh Hoagland (ArcWear)

*Noon Lunch at local restaurants or cafeterias*

1:30 p.m. IEEE 1584 Update (speaker TBD)  
2:00 p.m. Risk Management and 70E – Daniel Roberts (Schneider)  
2:30 p.m. 70E Submissions for 2018 (speaker TBD)

*3:00 p.m. Afternoon Break*

3:20 p.m. Outlook from DOE (speaker TBD)  
3:40 p.m. Defense Nuclear Safety Board Outlook – Peter Foster  
4:00 p.m. Office of Enforcement: Data and Trends - (speaker TBD)  
4:30 p.m. Audit Teams: A Proposal – Mark Scott, LBL  
4:45 p.m. Downstream Electrical Safety Effects of Subcontractor Building Constructions – Lloyd Gordon  
5:15 p.m. Closing

**Tuesday, July 14<sup>th</sup>**

(Informal Break at 3:00 p.m.)

8:00 a.m. Working Group Status from last year: Overview – Lloyd Gordon, WG Chair  
9:00 a.m. DC Systems – Gary Dreifuerst, LLNL Retired  
9:30 a.m. Compensatory Measures for AF Hazards – Greg Christensen, 2014 EFCOG ESG Chair

*10:00 a.m. Morning Break*

10:15 a.m. AHJ Program Descriptions and Reciprocity – Jim Watson, LLNL  
10:45 a.m. Hazardous Energy Control – Gerald Kinz, Hanford/MSA  
11:15 a.m. Introduction and Commissioning of new WG's – Lloyd Gordon, WG Chair

*11:45 a.m. Lunch at local restaurants or cafeterias*

1:15 p.m. Working Group 1 – DC Systems  
1:15 p.m. Working Group 2 – Hazardous Energy Control

1:15 p.m.	Working Group 3 – Electrical Safety & Subcontractors
1:15 p.m.	Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity
1:15 p.m.	Working Group 5 – Risk Assessment per 70E-2015

**Wednesday, July 15<sup>th</sup>** (Informal Breaks at 10:00 a.m. and 3:00 p.m.)

8:00 a.m.	Working Group 1 – DC Systems
8:00 a.m.	Working Group 2 – Hazardous Energy Control
8:00 a.m.	Working Group 3 – Electrical Safety & Subcontractors
8:00 a.m.	Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity
8:00 a.m.	Working Group 5 – Risk Assessment per 70E-2015

*Noon Lunch at offsite restaurants or cafeterias*

1:30 p.m.	Working Group 1 – DC Systems
1:30 p.m.	Working Group 2 – Hazardous Energy Control
1:30 p.m.	Working Group 3 – Electrical Safety & Subcontractors
1:30 p.m.	Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity
1:30 p.m.	Working Group 5 – Risk Assessment per 70E-2015

6:00 p.m.	Buffet dinner, local winery TBD Prepay ~\$60 on Sunday or Monday
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**Thursday, July 16<sup>th</sup>** (Informal Break at 10:00 a.m.)

8:00 a.m.	Working Group 1 – DC Systems
8:00 a.m.	Working Group 2 – Hazardous Energy Control
8:00 a.m.	Working Group 3 – Electrical Safety & Subcontractors
8:00 a.m.	Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity
8:00 a.m.	Working Group 5 – Risk Assessment per 70E-2015

*11:30 a.m. Lunch at local restaurants or cafeterias*

1:00 p.m.	Summary Presentation – Working Group 1 <i>B543 Auditorium</i>
1:30 p.m.	Summary Presentation – Working Group 2 <i>B543 Auditorium</i>
2:00 p.m.	Summary Presentation – Working Group 3 <i>B543 Auditorium</i>

*2:30 p.m. Mid Afternoon Break*

2:45 p.m.	Summary Presentation – Working Group 4 <i>B543 Auditorium</i>
3:15 p.m.	Summary Presentation – Working Group 5 <i>B543 Auditorium</i>
3:45 p.m.	Working Group Summary/Conclusion – Lloyd Gordon, WG Chair, LANL
4:15 p.m.	Conclusion of workshop – Heath Garrison, 2015 EFCOG Chair
4:30 p.m.	Dismissal

**Friday, July 17<sup>th</sup>**

9:30 a.m.	NIF Tour – Meet in B543 Foyer
2:00 p.m.	HEAF Tour – Meet in B543 Foyer